

ABSTRACT

C. cohnii is cultured in a suitable growth medium with acetic acid/acetate as the main carbon source. The acetate is provided, and replenished, by adding acetic acid to the growth medium in response to an increase in pH resulting from the utilisation of acetic acid/acetate by *C. cohnii*. The *C. cohnii* produces relatively high levels of docosahexaenoic acid (DHA). A stationary phase is not essential for satisfactory DHA production.